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**PETITION FEE  
Under 37 CFR 1.17(f), (g) & (h)  
TRANSMITTAL**

(Fees are subject to annual revision)

Send completed form to: Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/532,642-Conf. #5782
Filing Date	April 25, 2005
First Named Inventor	Seung-Hyun KIM
Art Unit	3644
Examiner Name	F. T. Palo
Attorney Docket Number	3884-0138PUS1

Enclosed is a petition filed under 37 CFR 1.84 that requires a processing fee (37 CFR 1.17(f), (g), or (h)). Payment of \$ 130.00 is enclosed.

This form should be included with the above-mentioned petition and faxed or mailed to the Office using the appropriate Mail Stop (e.g., Mail Stop Petition), if applicable. For transmittal of processing fees under 37 CFR 1.17(i), see form PTO/SB/17i.

**Payment of Fees** (small entity amounts are NOT available for the petition fees).

The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 02-2448 :

petition fee under 37 CFR 1.17(f), (g) or (h)  any deficiency of fees and credit of any overpayments

Enclose a duplicative copy of this form for fee processing.

Check in the amount of \$ \_\_\_\_\_ is enclosed.

Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

**Petition Fees under 37 CFR 1.17(f): Fee \$400 Fee Code 1462**

For petitions filed under:

§ 1.36(a) – for revocation of a power of attorney by fewer than all applicants.  
 § 1.53(e) – to accord a filing date.  
 § 1.57(a) – to accord a filing date.  
 § 1.182 – for decision on a question not specifically provided for.  
 § 1.183 – to suspend the rules.  
 § 1.378(e) – for reconsideration of decision on petition refusing to accept delayed payment of maintenance fee in an expired patent.  
 § 1.741(b) – to accord a filing date to an application under § 1.740 for extension of a patent term.

**Petition Fees under 37 CFR 1.17(g): Fee \$200 Fee Code 1463**

For petitions filed under:

§ 1.12 – for access to an assignment record.  
 § 1.14 – for access to an application.  
 § 1.47 – for filing by other than all the inventors or a person not the inventor.  
 § 1.59 – for expungement of information.  
 § 1.103(a) – to suspend action in an application.  
 § 1.136(b) – for review of a request for extension of time when the provisions of section 1.136(a) are not available.  
 § 1.295 – for review of refusal to publish a statutory invention registration.  
 § 1.296 – to withdraw a request for publication of a statutory invention registration filed on or after the date the notice of intent to publish issued.  
 § 1.377 – for review of decision refusing to accept and record payment of a maintenance fee filed prior to expiration of a patent.  
 § 1.550(c) – for patent owner requests for extension of time in ex parte reexamination proceedings.  
 § 1.956 – for patent owner requests for extension of time in inter partes reexamination proceedings.  
 § 5.12 – for expedited handling of a foreign filing license.  
 § 5.15 – for changing the scope of a license.  
 § 5.25 – for retroactive license.

**Petition Fees under 37 CFR 1.17(h): Fee \$130 Fee Code 1464**

For petitions filed under:

§ 1.19(g) – to request documents in a form other than that provided in this part.  
 § 1.84 – for accepting color drawings or photographs.  
 § 1.91 – for entry of a model or exhibit.  
 § 1.102(d) – to make an application special.  
 § 1.138(c) – to expressly abandon an application to avoid publication.  
 § 1.313 – to withdraw an application from issue.  
 § 1.314 – to defer issuance of a patent.

June 5, 2007

Date

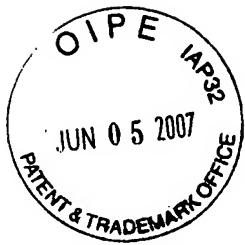
Signature

Joseph A. Kolasch

Typed or printed name

22,463

Registration No., if applicable



Docket No.: 3884-0138PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Seung-Hyun KIM

Application No.: 10/532,642

Confirmation No.: 5782

Filed: April 25, 2005

Art Unit: 3644

For: **PELLET OF PLANT SEED, A METHOD OF  
PELLETIZATION AND CULTIVATION  
METHOD OF PLANTS USING THE SAME**

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Examiner: F. T. Palo

**PETITION UNDER 37 CFR 1.84(a)(2)  
AND SUPPLEMENTAL RESPONSE**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 5, 2007

Sir:

In supplemental response to the Office Action mailed November 16, 2006, the following drawings and remarks are hereby submitted together with a Petition under 37 CFR 1.84(a)(2).

Drawings begin on page 2; and

Remarks begin on page 3.

06/06/2007 YPOLITE1 00000084 022448 10532642  
01 FC:1464 130.00 DA

Application No. 10/532,642

Docket No.: 3884-0138PUS1

Petition and Supplemental Response dated June 5, 2007

**DRAWINGS**

Submitted herewith are three copies of 17 sheets of formal drawings in color.

**REMARKS**

The Applicant hereby petitions the USPTO under 37 CFR 1.84(a)(2) to accept color drawings in connection with the present application for the following reasons:

Three sets of drawings, some of which are executed in color, are submitted herewith to better explain the invention of the present application. Thus, for example, Figs. 9-14 have been shown in color to better show a comparison of pelletization between plant seeds and bulbous plants; growth state of the pellet of Calendula officinalis cv. Gold star seed; growth state of the pellet of Salva splendens cv. Hot jazz seed; and the growth state of the pellet of Glycine max cv. Whanggeum seed.

The specification of the present application has been previously amended to reflect that the present application contains at least one drawing executed in color.

Three (3) sets of color drawings are submitted herewith.

The petition fee of \$130.00 as set forth in Section 1.17(h) of the Code of Federal Regulations is being charged to Deposit Account No. 02-2448.

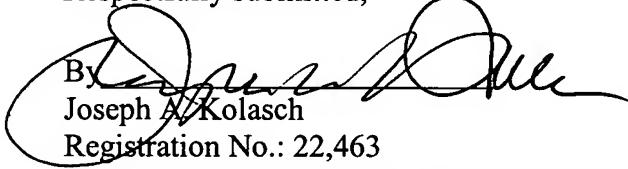
It is respectfully requested that the Petition under 37 CFR 1.84(a)(2) be accepted and the drawings executed in color be entered into the application.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Joseph A. Kolasch Reg. No. 22,463 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

Dated: June 5, 2007

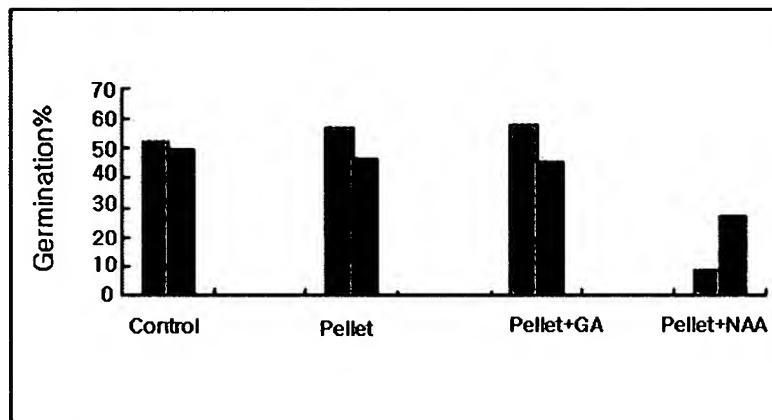
Respectfully submitted,

By   
Joseph A. Kolasch

Registration No.: 22,463  
BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 Gatehouse Road  
Suite 100 East  
P.O. Box 747  
Falls Church, Virginia 22040-0747  
(703) 205-8000  
Attorney for Applicant

FIG. 1a

The first experiment of *Calendula officinalis* cv. Gold star



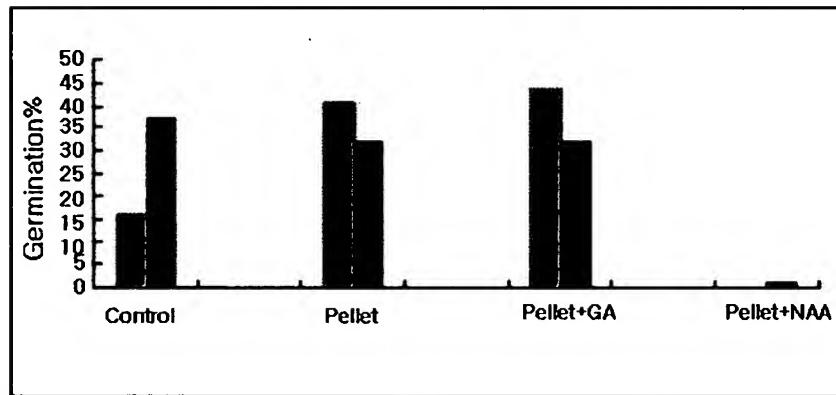
[Note]

▨ The sowing seed in the soil surface

■ The sowing seed in the soil

FIG. 1b

The second experiment of *Calendula officinalis* cv. Gold star



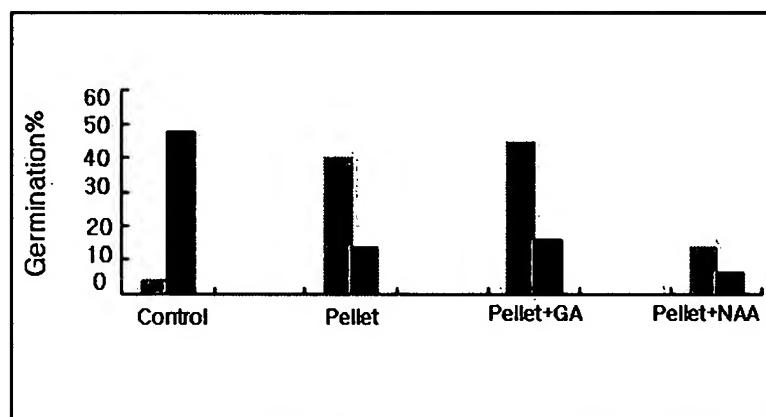
[Note]

▨ The sowing seed in the soil surface

■ The sowing seed in the soil

FIG. 2a

The first experiment of *Salva splendens* cv. Hot jazz

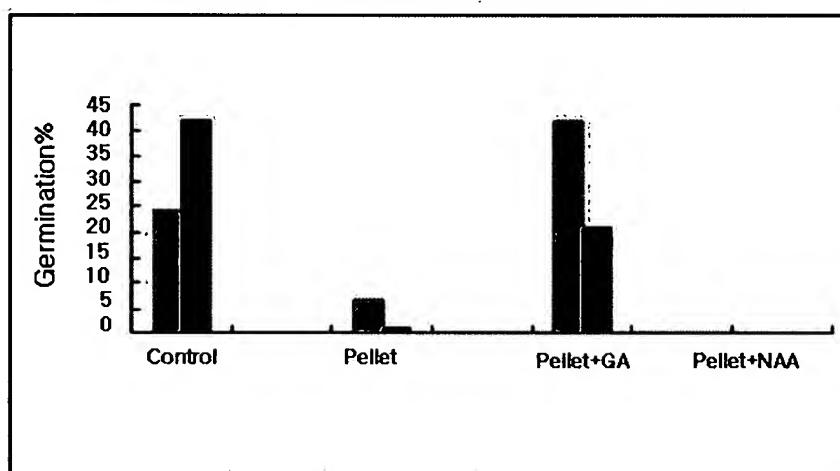


[Note]

- The sowing seed in the soil surface
- The sowing seed in the soil

FIG. 2b

The second experiment of *Salva splendens* cv. Hot jazz

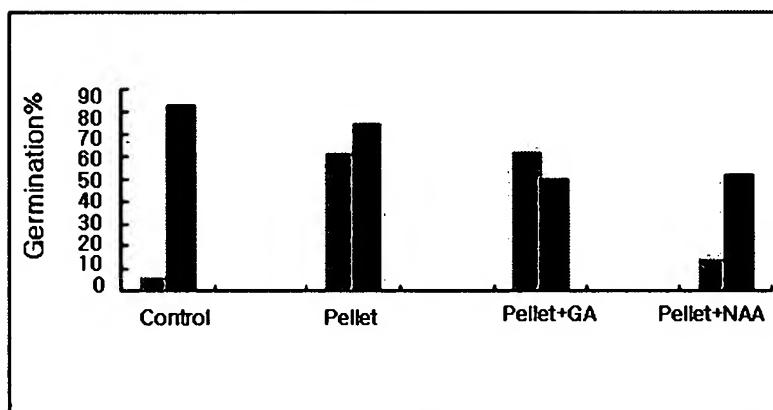


[Note]

- The sowing seed in the soil surface
- The sowing seed in the soil

FIG. 3

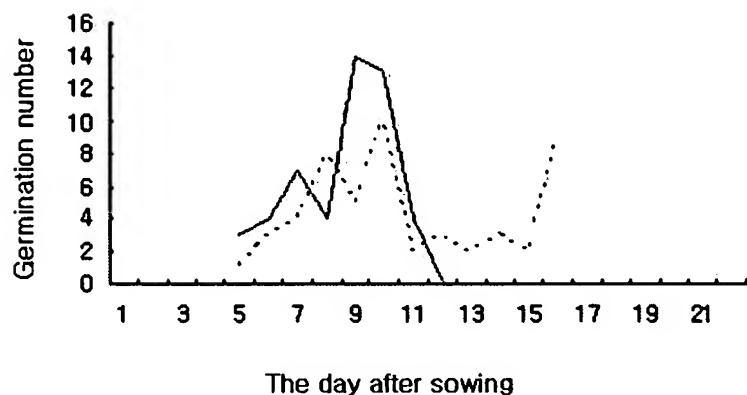
*Glycine max* cv. Whanggeum



[Note]

- The sowing seed in the soil surface
- The sowing seed in the soil

FIG. 4a



The day after sowing

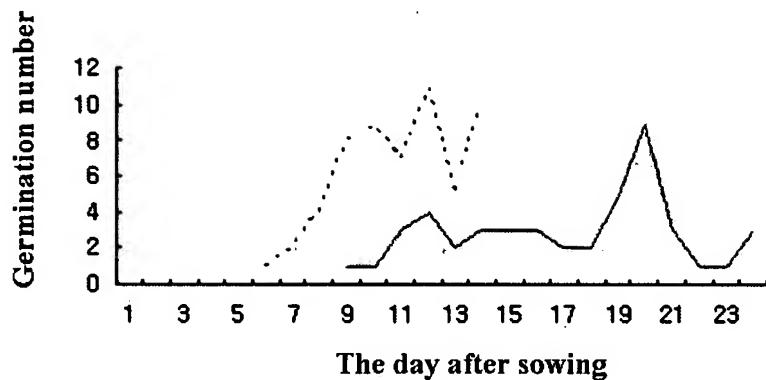
[Note]

Control

--- the sowing seed in the soil surface

— the sowing seed in the soil

FIG. 4b

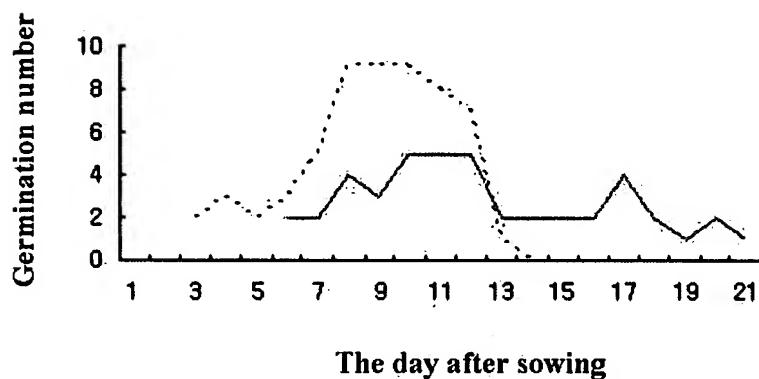


[Note]

The pellet treated with only fertilizer

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 4c

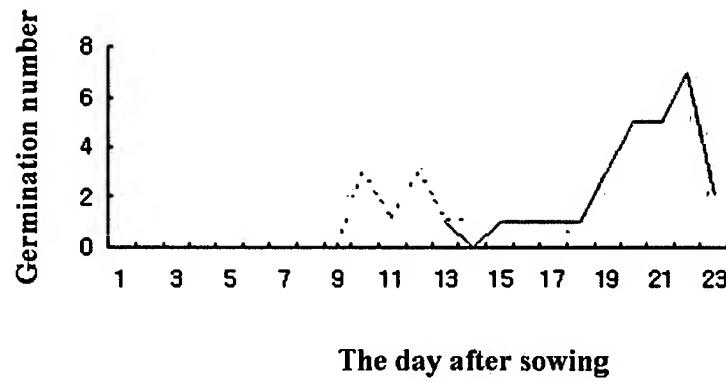


[Note]

The pellet treated with fertilizer and GA

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 4d



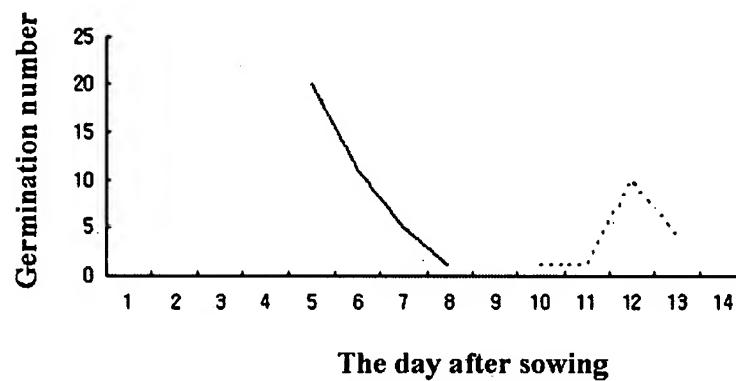
The day after sowing

[Note]

The pellet treated with fertilizer and NAA

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 5a



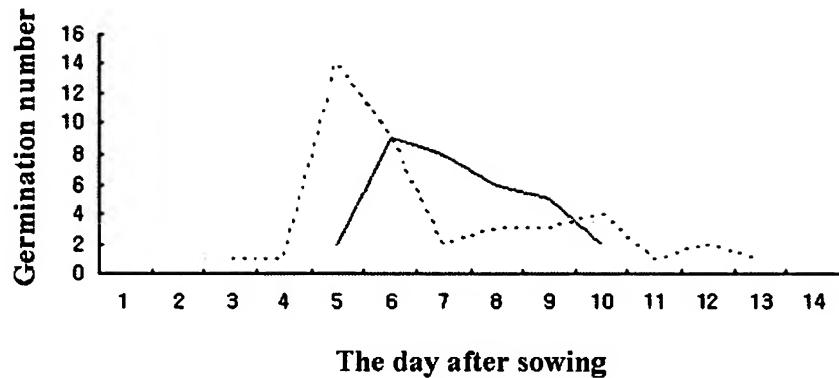
The day after sowing

[Note]

Control

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 5b

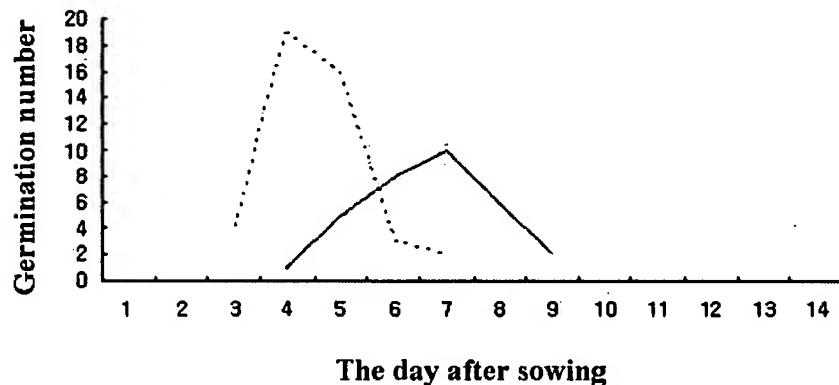


[Note]

The pellet treated with fertilizer only

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 5c



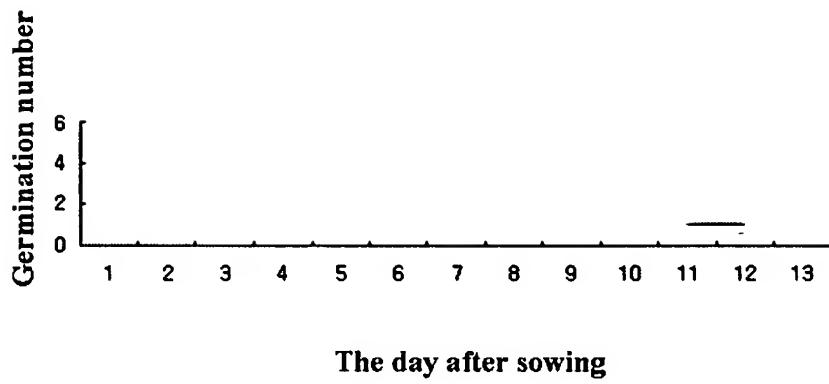
[Note]

The pellet treated with fertilizer and GA

---- the sowing seed in the soil surface  
— the sowing seed in the soil

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FIG. 5d



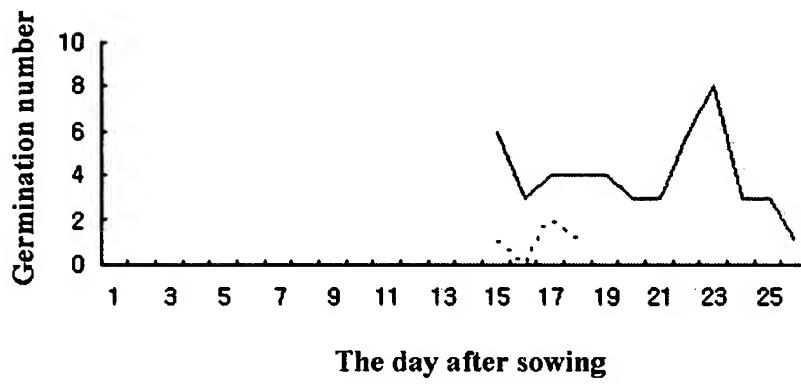
The day after sowing

[Note]

The pellet treated with fertilizer and NAA

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 6a



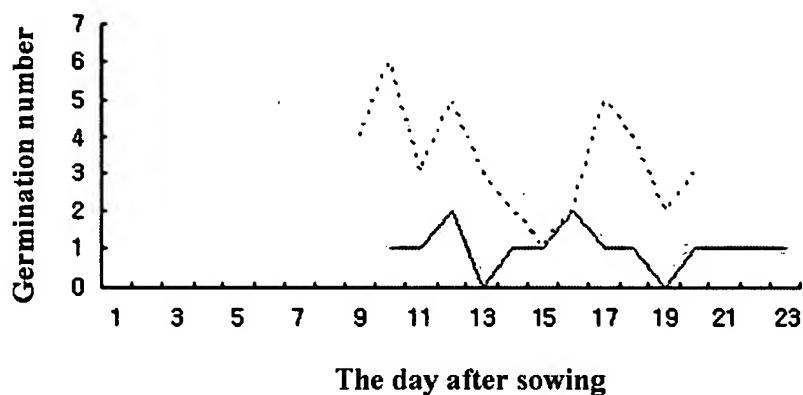
The day after sowing

[Note]

Control

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 6b

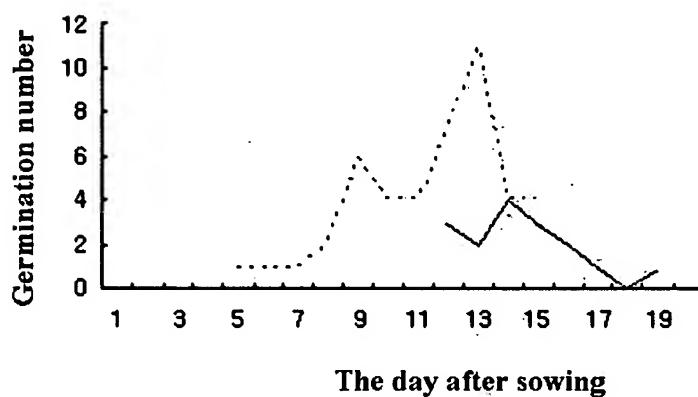


[Note]

The pellet treated with fertilizer only

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 6c



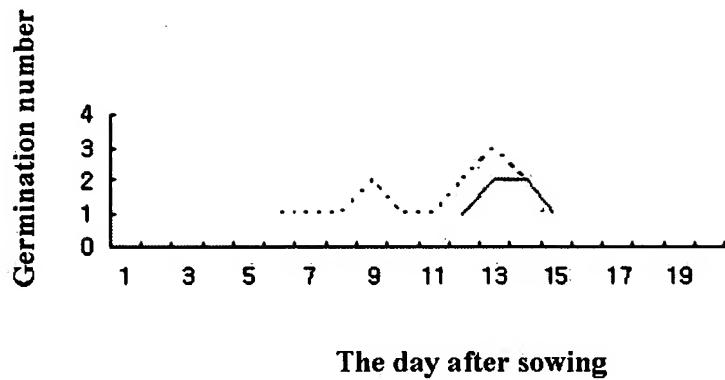
[Note]

The pellet treated with fertilizer and GA

---- the sowing seed in the soil surface  
— the sowing seed in the soil

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FIG. 6d



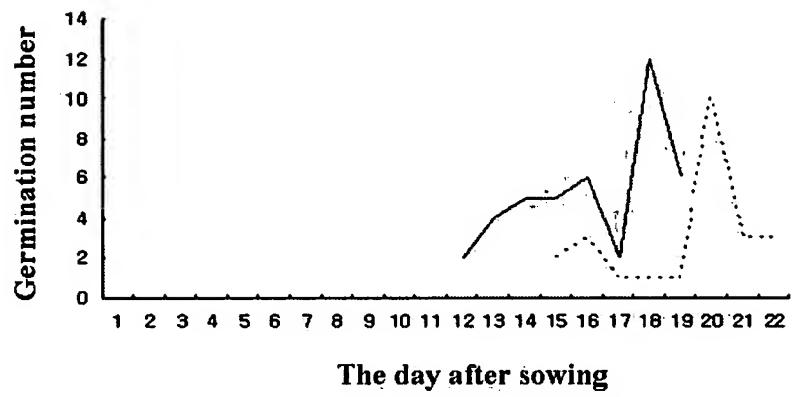
The day after sowing

[Note]

The pellet treated with fertilizer and NAA

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 7a



The day after sowing

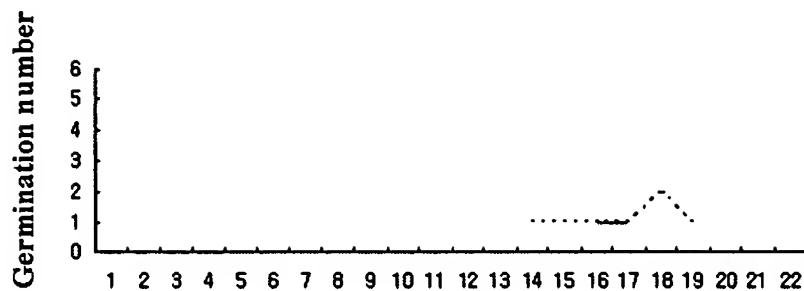
[Note]

Control

---- the sowing seed in the soil surface  
— the sowing seed in the soil

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FIG. 7b

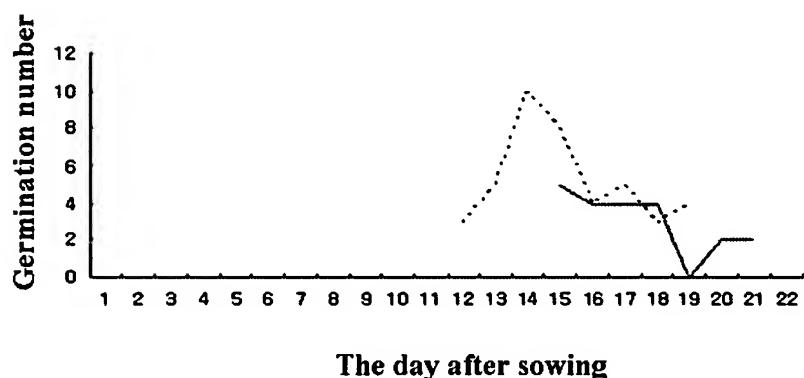


[Note]

The pellet treated with fertilizer only

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 7c



[Note]

The pellet treated with fertilizer and GA

---- the sowing seed in the soil surface  
— the sowing seed in the soil

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FIG. 7d

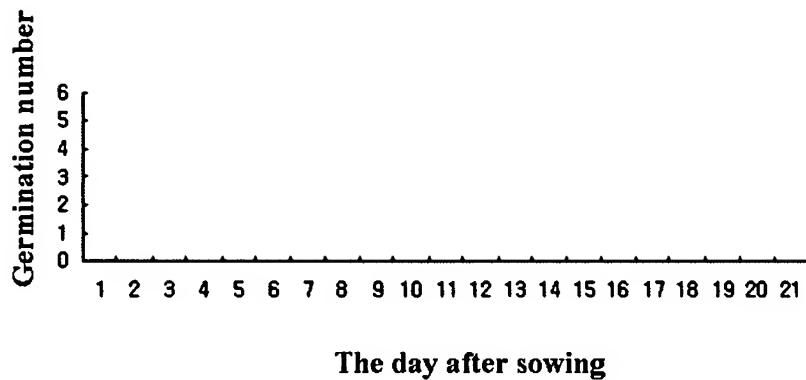
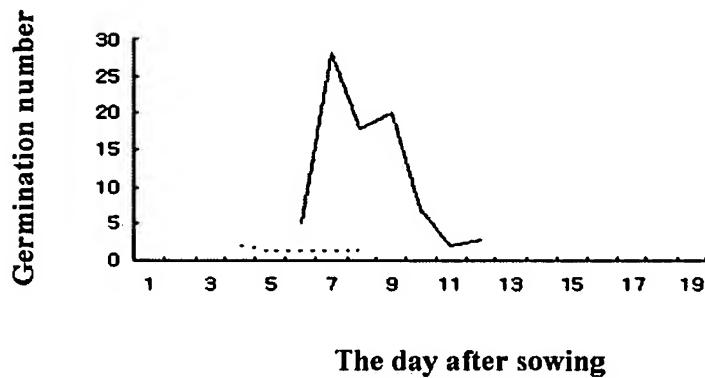
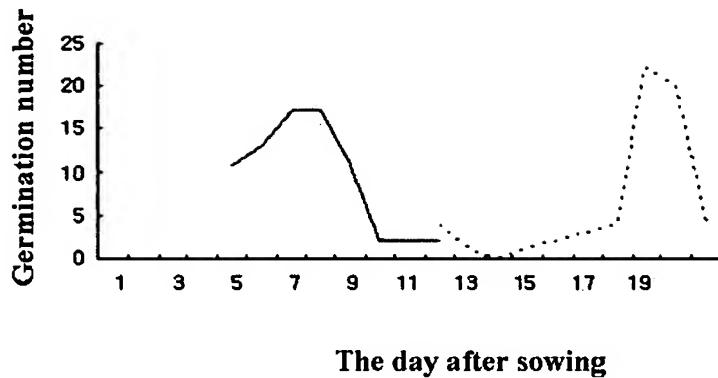


FIG. 8a



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FIG. 8b

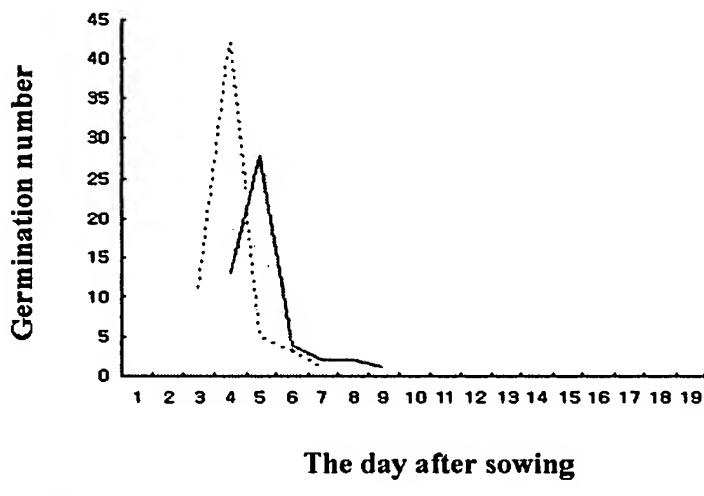


[Note]

The pellet treated with fertilizer only

---- the sowing seed in the soil surface  
— the sowing seed in the soil

FIG. 8c



[Note]

The pellet treated with fertilizer and GA

---- the sowing seed in the soil surface  
— the sowing seed in the soil

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FIG. 8d

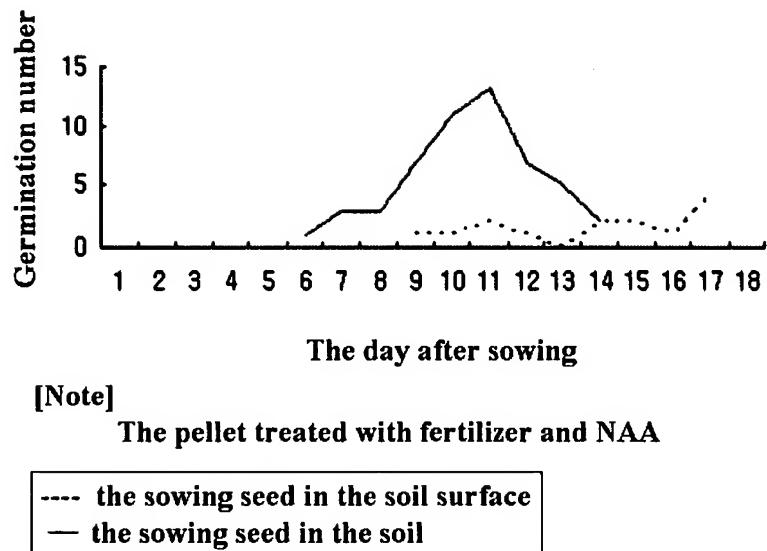
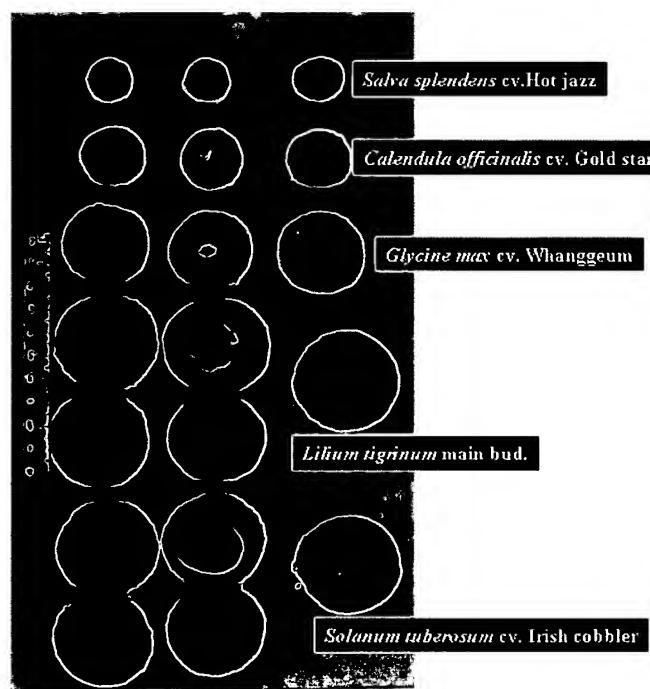


FIG. 9



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FIG. 10

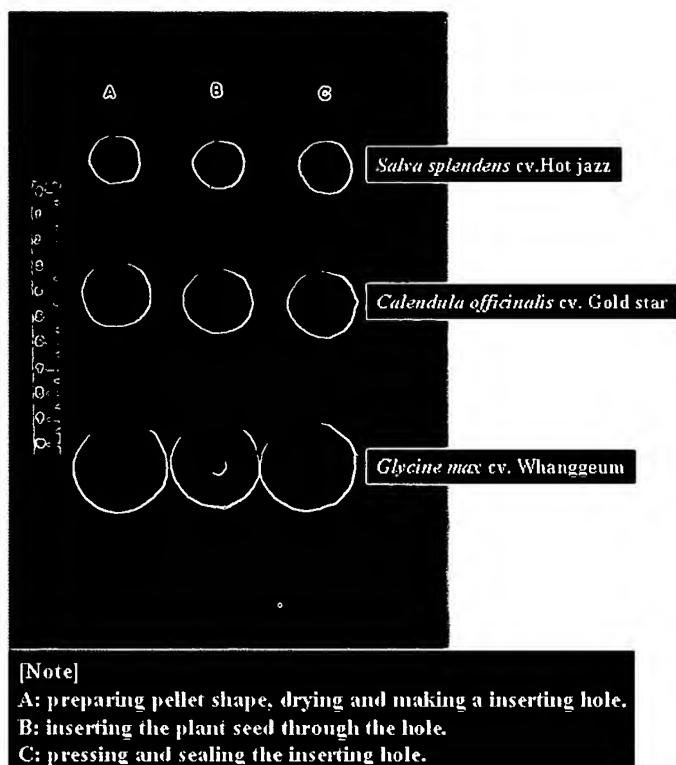


FIG. 11

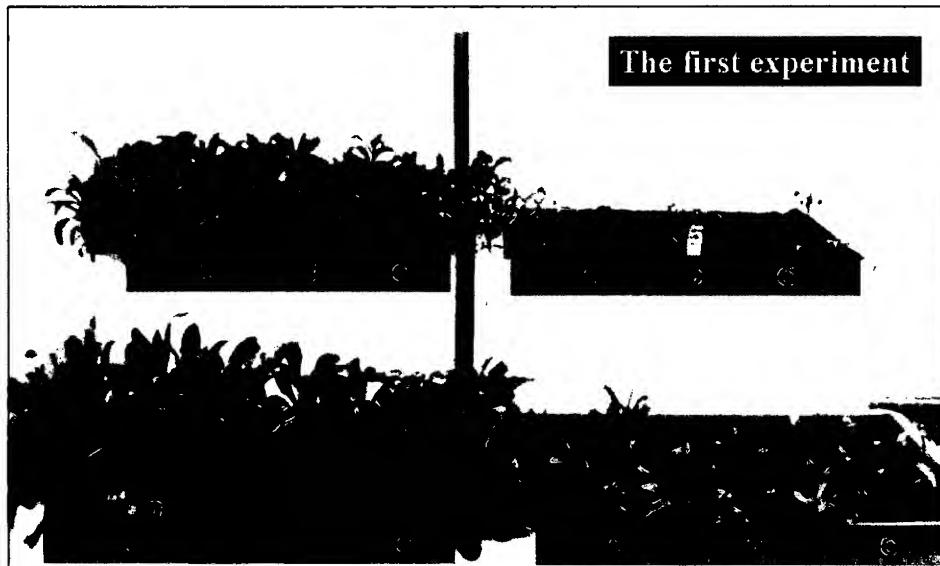


[Note]

Left: the sowing seed in the soil surface

Right: the sowing seed in the soil

FIG. 12a

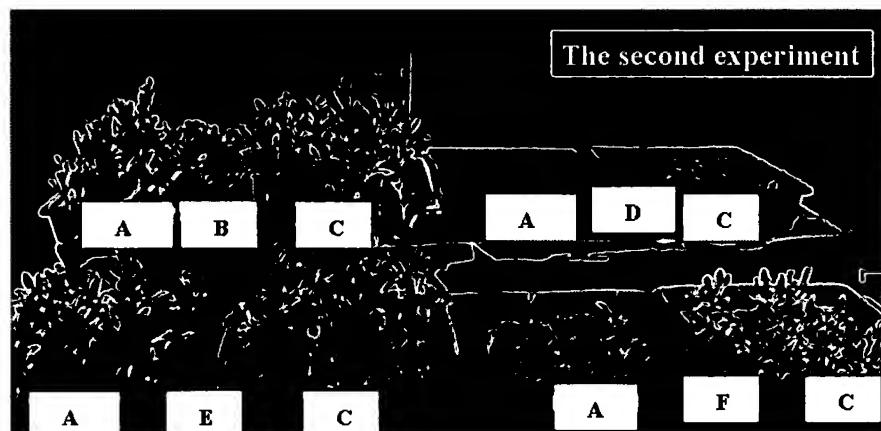


**[Note]**

- A: the sowing seed in the soil surface; B: pellet + GA;**
- C: the sowing seed in the soil; D: pellet + NAA; E: pellet;**
- F: control**

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FIG. 12b



[Note]

A: the sowing seed in the soil surface; B: pellet + GA;  
C: the sowing seed in the soil; D: pellet + NAA; E: pellet;  
F: control

FIG. 13a

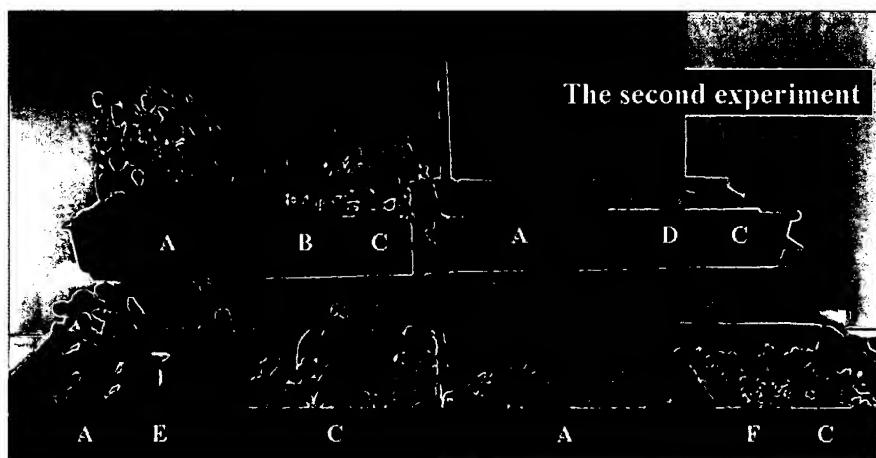


[Note]

A: the sowing seed in the soil surface; B: pellet + GA;  
C: the sowing seed in the soil; D: pellet + NAA; E: pellet;  
F: control

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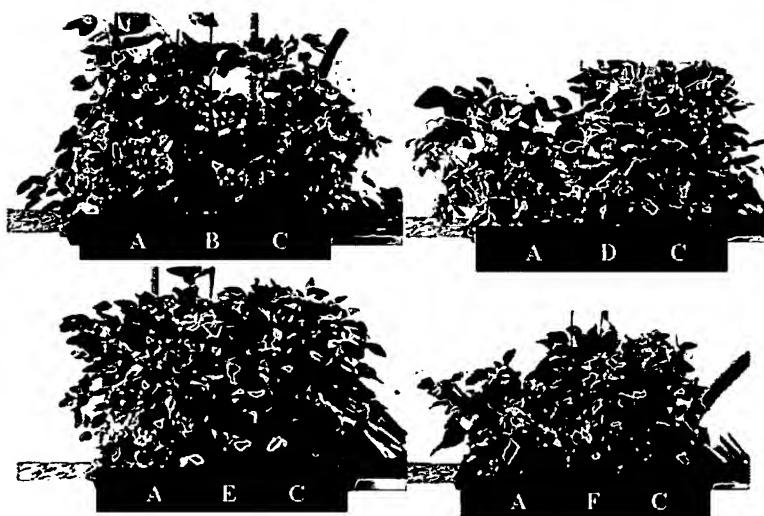
FIG. 13b



[Note]

A: the sowing seed in the soil surface; B: pellet + GA;  
C: the sowing seed in the soil; D: pellet + NAA; E: pellet;  
F: control

FIG. 14



[Note]

A: the sowing seed in the soil surface; B: pellet + GA;  
C: the sowing seed in the soil; D: pellet + NAA; E: pellet;  
F: control